Litter-cleaning aquatic robot – PROJ324

Initial Proposal

* River/Water Cleaning Robot
* Solar Charged for longer usage times (during the day?)
* Some form of Bluetooth connection to upload all the collected data to some form of device. (Maybe an android app?)
* Different methods of propulsion? – jet propulsion, fan blades?

Objective:

Create a surface-litter cleaning robot for still and slow-moving expanses of water such as, a canal, lake, or harbour. The objective of this project is to create a cleaner and safer environment on still bodies of water that typically collect large amounts of surface-dwelling litter. The robot will traverse its environment autonomously until it has filled its litter storage, or the battery is running flat, at which point it will return to a designated location to be collected and offload relevant telemetry data.